

FIG. 1

100

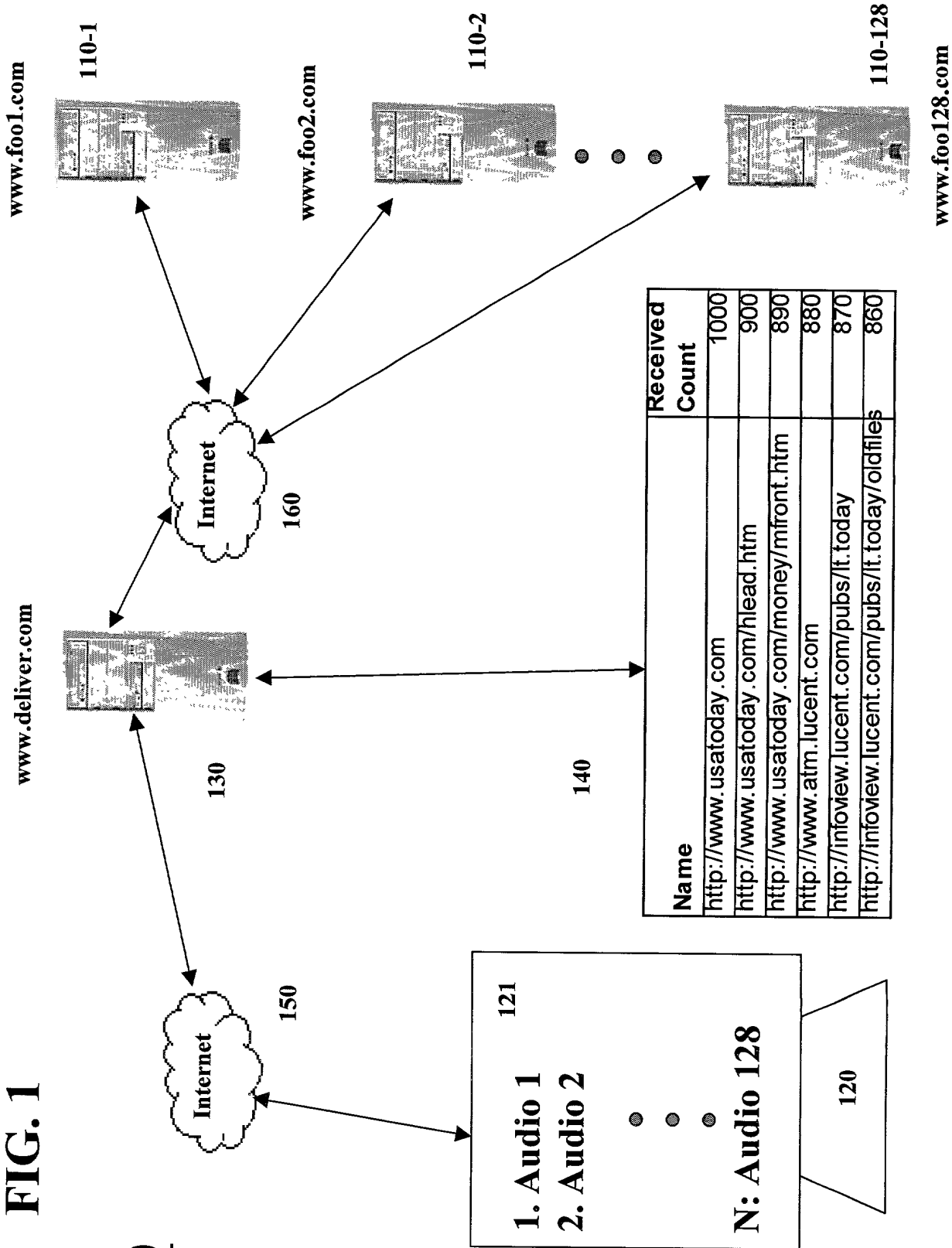


FIG. 2

Name		Received Count
n1	http://www.usatoday.com	1000
n2	http://www.usatoday.com/hlead.htm	900
n3	http://www.usatoday.com/money/mfront.htm	890
n4	http://www.atm.lucent.com	880
n5	http://infoview.lucent.com/pubs/lt.today	870
n6	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.085.html	860
n7	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.082.html	850
n8	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.081.html	800
n9	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.079.html	780
n10	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.078.html	760
n11	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.077.html	740
n12	http://www.astro.umd.edu/~fleming/latest_news.html	720
n13	http://www.astro.umd.edu/~fleming	710
n14	http://www.astro.umd.edu/~hcohen/FAQ.html	700
n15	http://cdd.dnrc.bell-labs.com	600
n16	http://cdd.dnrc.bell-labs.com/town.html	500
n17	http://cdd.dnrc.bell-labs.com/resources.html	400
n18	http://cdd.dnrc.bell-labs.com/technology.html	300

irreplaceable

replaceable

Base 16 hashed number	name	Received Count
483a24a9	http://www.usatoday.com	1000
27a0b8c	http://www.usatoday.com/hlead.htm	900
a3338111	http://www.usatoday.com/money/mfront.htm	890
94c1af05	http://www.atm.lucent.com	880
37a7dc4c	http://infoview.lucent.com/pubs/lt.today	870
6215a6d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.085.htm	860
75fda6d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.082.htm	850
7df5a6d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.081.htm	800
4221b2d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.079.htm	780
45d9b2d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.078.htm	760
6df1b2d1	http://infoview.lucent.com/pubs/lt.today/oldfiles/year.2001/LT.2001.077.htm	740
9fc0643b	http://www.astro.umd.edu/~fleming/latest_news.html	720
455cac4a	http://www.astro.umd.edu/~fleming	710
32073b0e	http://www.astro.umd.edu/~hcohen/FAQ.html	700
dfbf950a	http://cdd.dnrc.bell-labs.com	600
267ce247	http://cdd.dnrc.bell-labs.com/town.html	500
8e15b8dc	http://cdd.dnrc.bell-labs.com/resources.html	400
fa2465bb	http://cdd.dnrc.bell-labs.com/technology.html	300
e7206159	http://cdd.dnrc.bell-labs.com/documents.html	200

h1
h2
h3
h4
h5
irreplaceable

h6
h7
h8
h9
h10
h11
h12
h13
h14
h15
h16
h17
h18
h19
h20
replaceable

FIG. 3

FIG. 4

```
401 unsigned long name_hash(const char *p)
{
402 unsigned long h = 0;
403 unsigned int m;

404 while( *p ) {
405 m = *p++;
406 m = m ^ m << 1;
407 m = m ^ m << 2;
408 m = m ^ m << 4;
409 h = m ^ ( ( h >> 9 ) | ( h << 23 ) );
    }

410 return h;
}
```

FIG. 5

